

Nebraska Sunflower Variety (Oil) Test - 2015

Cheyenne County_Irrigated

Brand	Hybrid	Oil Type*	Entry	Yield rank	**Yield (lbs/a)	Adj. † Yield (lbs/a)	Bushel weight (lb/bu)	Oil (%).db	Flowering (days after planting)	Height (inch)	Population (plants/a)
Nuseed	Falcon	NS	13	1	669	1545	25	35	64	56	9496
Croplan	545 LC	NS	11	2	659	1657	26	36	65	58	9148
Nuseed	NHK 12M055	HO	16	3	659	1987	26	36	64	50	7319
Nuseed	Hornet	HO	14	4	652	1818	26	37	66	57	8015
Croplan	432 E	NS	7	5	621	2047	20	34	59	51	6708
Croplan	549 CL	HO	9	6	619	1603	25	35	60	70	8538
Croplan	553 CL	HO	10	7	615	1563	21	35	67	63	8712
Croplan	458 E	HO	8	8	611	1471	25	37	64	55	9583
Nuseed	NHK 12M054	HO	15	9	595	2068	26	37	63	52	6883
Nuseed	Camoro II	NS	12	10	559	1399	26	35	63	59	8886
Averages of all entries					625	1715	25	35	63	57	8328
Differences required for sig. at 5%					ns	ns	1	2	2	4	1795

*NS = NuSun; HO - High Oleic; T = Traditional

**Adjusted for 10% moisture

† Adjusted based on target population of 22,000/acre since population at harvest was too low from the target population

Site: High Plains Ag. Lab (near Sidney, NE) (N 41.13814, W 103.00951)
Planted: 13-Jun-15
Harvested: 16-Nov-15
Previous crop: Canola
Fertilizer: 50 lbs/acre Ammonium Sulfate (21-0-24)
Herbicide: 2 Pints Prowl H2O, 2.5 oz Spartan Pre Plant
General comments The trial had some level of seed weevil infestation
 Size of heads was significantly smaller compared to other trials at the same site or different sites.

Oil Data Done at the USDA-ARS, Northern Crop Science Laboratory by Dr. Brent Hulke's group

